



STATE OF COLORADO
BUREAU OF MINES
INSPECTOR'S REPORT

A-0383

TO
JOHN T. JOYCE,
COMMISSIONER OF MINES.

ENTERPRISE, ATLANTIC CABLE, SHAMROCK, ET AL.
Name of Mine or Plant

Dolores County

June 14, 1925 192

✓ THE ENTERPRISE, ATLANTIC CABLE, SHAMROCK, PRO PATRIA, ET AL. mines
are operated under bond and lease from the SYNDICATE MINING AND MILLING
COMPANY by Robert L. Pellet, Manager, Rico.

The mines are situated near Rico in the Pioneer mining district.

Have compensation insurance. Manager understands rules regarding
reporting accidents. Accident blanks on hand.

At present two shifts of two men each are driving a raise on what
is known as the Patter tunnel, 400 feet in from the portal. This pro-
perty is ventilated by an air fan driven by a 5 h. p. General Electric
motor. There is no production from this tunnel. Three men are re-
timbering the Group tunnel of the Enterprise mine. No power is used
here, and there is no production. Two men are also re-timbering the
Pro Patria tunnel. No machinery is used in this tunnel and there is no
production.

Blacksmith shops are the only buildings on these properties.

A more complete report cannot be made at the present time on
these properties because the workings are not yet in shape.

John H. Clougher
State Mine Inspector, District No. 4.

Syndicate

J

STATE OF COLORADO
BUREAU OF MINES
INSPECTOR'S REPORT

TO
JOHN T. JOYCE,
COMMISSIONER OF MINES

SHAMROCK

Name of Mine or Plant

Dolores County

November 22, 1926.

THE SHAMROCK MINE is operated by the PELLEYRE MINING AND MILLING COMPANY, J. E. Elton, President, Salt Lake City; R. L. Pellett, Vice President; D. W. Loughran, Mine Supt., Rico.

The mine is at Rico, in the Pioneer mining district, about 500 ft. from the railroad station.

16 men are employed. They have compensation insurance.

There is an adit level 600 ft. long. A shaft from the surface cuts this level 70 ft. down and No. 2 level is driven from the bottom of the shaft at a depth of 170 ft. Only No. 2 level is worked at this time. The work is mainly exploration and development. Production is about 10 tons a day and is expected to reach 30 tons a day before the end of December. The ore is in irregular deposits in limestone. It is a lead-zinc sulphide, 25% to 30% combine. Ore is hauled in wagons to the International S. Co's mill.

Surface plant consists of: Change room, compressor house, and hoistroom combined; shaft head frame not housed in. The hoist is 50 H.P. run by compressed air.

The shaft is two compartments, timbered with square sets. The hoist compartment is equipped with cage for hoisting cars. The guides are 4" x 4" and cage is provided with safety catches. The other compartment is manway and carries in addition air pipes, water pipe and electric wires. A multi-stage centrifugal pump of 1200 gal. a min. capacity is used for pumping from No. 2 level to No. 1 or the adit level.

Tramming is done by hand.

The ground generally stands well. Drifts and stopes are timbered with square sets. The miners are generally careful about picking down loose ground.

The shaft stations are well guarded. Powder is stored in an under ground magazine located in a crosscut off the adit drift, about 200 ft. in beyond the shaft.

Walter A. Anderson
State Mine Inspector, District No. 4.

STATE OF COLORADO
BUREAU OF MINES
INSPECTOR'S REPORT

TO
JOHN T. JOYCE
COMMISSIONER OF MINES

✓
SHAMROCK MINE
Name of Mine or Plant

Dolores County

March 26, 1927.

✓
THE SHAMROCK MINE is owned and operated by the PELLEYRE MINING AND MILLING COMPANY. D. A. White, Manager; R. F. Mitchell, Superintendent, Rico.

This property is located in the Pioneer mining district, and is reached by wagon road from Rico. Ore is shipped by truck to the International mill at Rico.

40 men employed.

Have compensation insurance.

Telephone and accident blanks provided. Have first aid supplies. Safety and sanitary conditions are very satisfactory.

The mine is opened by a two-compartment shaft, 170 feet deep, well timbered. Shaft house and hoist near collar of shaft. There is a tunnel driven into the mountain 150 feet, which cuts the shaft at the 100-ft. level. The vein is opened and worked from the 170-ft. level, and the ore body in the vein is 12 feet wide. The stope is 175 feet long and about 50 feet high, and is worked on the shrinkage system.

The ore is a lead-zinc sulphide having a value per ton of \$10.00. The daily output is 75 tons.

Shaft house and compressor room near collar of shaft. There are no buildings over shaft. At the portal of the tunnel are ore bins, blacksmith shop, store room, supply house and mine office, all in good shape and all built a safe distance from the portal of the tunnel.

Shaft in good shape. Walls stand well and well timbered where necessary. All manways, ladders and chutes are in good shape. The powder magazine is 1/2 mile from the mine workings. Only enough powder is kept underground for one day's use. No

carbide is kept in the mine.

Machinery: 100 h. p. electric motor for air compressor, one 250 h. p. motor and one 50 h. p. motor for electric pumps, and one 50 h. p. motor for electric fan.

The mine has some carbon dioxide gas, but the ventilation system is good and the gas is kept out of the mine very well.

Geo. B. Walker

State Mine Inspector, Dist. No. 4.